

-	0	((threadlike or thread\$like) with struct\$4) same (((imags\$4) same (extracts\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (point\$2 or pattern\$3)) same ((edge\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back))) ((threadlike or thread\$like) with struct\$4) and (((imags\$4) same (extracts\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (point\$2 or pattern\$3)) same ((edge\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back))) 382/156	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/20 17:32
-	0	((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (point\$3)) ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4)) 9026 ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (point\$3)) ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (end\$3)) near3 (point\$3)) same (front\$2 and back\$5)) 161 ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4)) 145 ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((front\$2 and (back\$5)) near3 (point\$3)) same (front\$2 and back\$5)) 0 382/156 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (front\$2 and back\$5)) 0 382/157 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (front\$2 and back\$5))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/20 17:32
-	365	382/157	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 15:09
-	242	382/158	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 15:09
-	7247	markov\$3	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 15:09
-	894351	(edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 16:17
-	9026	((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (point\$3)) ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4)) 161 ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4)) 145 ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((front\$2 and (back\$5)) near3 (point\$3)) same (front\$2 and back\$5)) 0 382/156 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (front\$2 and back\$5)) 0 382/157 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (front\$2 and back\$5))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 16:18
-	161	((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4)) 145 ((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((front\$2 and (back\$5)) near3 (point\$3)) same (front\$2 and back\$5)) 0 382/156 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (front\$2 and back\$5)) 0 382/157 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (front\$2 and back\$5))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 16:18
-	145	((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detects\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or (end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4)) 0 382/156 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4)) 0 382/157 and (((edges\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follows\$4 sens\$4 measur\$5 read\$3) same ((start\$3 or end\$3)) near3 (point\$3)) same (grid\$4 grats\$4 mesh\$4))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 16:25
-	0	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 15:26	
-	0	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/03/02 15:27	

-	0	382/158 and (((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3)) same ((start\$3 or end\$3) near3 (point\$3)) same (front\$2 and back\$5))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 15:27
-	0	382/158 and (((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3)) same ((start\$3 or end\$3) near3 (point\$3))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 15:27
-	2	382/157 and (((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3)) same ((start\$3 or end\$3) near3 (point\$3))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 15:27
-	5	382/156 and (((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3)) same ((start\$3 or end\$3) near3 (point\$3))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 15:27
-	0	((((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3)) same ((start\$3 or end\$3) near3 (point\$3)) same (front\$2 and back\$5)) and (best\$3 near path\$3))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 16:17
-	3608	(edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3) near4 (best\$3 good)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/02 16:17
-	0	((((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3) near4 (best\$3 good)) same ((start\$3 or end\$3) near3 (point\$3)) same (front\$2 and back\$5))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 16:18
-	59	((((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3) near4 (front\$2 and back\$5)) same ((start\$3 or end\$3) near3 (point\$3)) same (front\$2 and back\$5))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 16:19
-	20	((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3) near4 (best\$3 good)) same ((start\$3 or end\$3) near3 (point\$3))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 16:19
-	4	((((edge\$4 boundr\$4 curv\$4 path\$3 tree\$1 structur\$3) near4 (track\$4 detect\$4 locat\$4 follow\$4 sens\$4 measur\$5 read\$3) near4 (best\$3 good)) same ((start\$3 or end\$3) near3 (point\$3)) and (front\$2 and back\$5))	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2004/03/02 16:19

Line Number	Hits	Search Text	DB	Time stamp
4	27	5067166.URPN. 0 filiation near2 front near2 march\$4 near2 technique	USPAT; USPAT; US-PGPUB; EPO; JPO; IBM TDB USPAT;	2004/03/03 11:09 2004/03/02 15:09
-	1	filiation near2 front near2 march\$4 near2 technique	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/04/17 16:27
-	5	threadlike near4 structure same imag\$3	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/04/17 16:27
-	4	((extract\$4 or obtain\$4 or pull\$3 or gather\$3) near3 (point\$3 or feature\$3) same ((threadlike or threadlike) near struct\$4)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/04/18 12:21
-	457	((threadlike or threadlike) with struct\$4)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/10/20 17:31
-	248	((threadlike or threadlike) near struct\$4)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/04/18 12:24
-	1	((threadlike or threadlike) near struct\$4) same (parent\$3 or child\$5 or ancestor\$3 or father\$3)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/04/18 12:26
-	0	((threadlike or threadlike) near struct\$4) same (calculate\$4 near3 intens\$5)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/04/18 12:27
-	9	((threadlike or threadlike) near struct\$4) same (intens\$5)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT;	2003/04/18 14:53
-	186975	(edge\$4 or boundr\$4 or curv\$4) near4 (detect\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3)	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/18 15:26

-	1545	((edges\$4 or boundr\$4 or curv\$4) near4 (detect\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (vessel\$3 or \$3medical\$3)	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/18 15:24
-	15	((edges\$4 or boundr\$4 or curv\$4 or measur\$5 or read\$3) same (vessel\$3 or \$3medical\$3) near3 (point\$3))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2004/03/02 15:22
-	521878	(edges\$4 or boundr\$4 or curv\$4 or locat\$4 or follow\$4 or sens\$4 or near3 (point\$3))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2004/03/02 15:18
-	8590	((edges\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (x\$ray or vessel\$3 or medical\$3 or biomedical\$3))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/18 16:16
-	10	((edges\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (x\$ray or vessel\$3 or medical\$3 or biomedical\$3)) same ((start\$3 and end\$3) with (point\$3))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/21 10:06
-	13	((edges\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (x\$ray or vessel\$3 or medical\$3 or biomedical\$3)) same ((grid\$4 or grats\$4 or mesh\$4) with (point\$3))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2004/03/02 15:23
-	97	((edges\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (x\$ray or vessel\$3 or medical\$3 or biomedical\$3)) same (kernel or matri\$4))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/21 13:31
-	2	((edges\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (x\$ray or vessel\$3 or medical\$3 or biomedical\$3)) same ((kernel or horizontal or adjacent))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/21 10:25
-	83	((edges\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (x\$ray or (blood or brain)near4 vessel\$3) or medical\$3 or biomedical\$3) same (kernel\$3 or matri\$4))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/22 09:31
-	32050	(imag\$4) same ((extract\$4 or obtain\$3 or retriv\$4 or sens\$3) near4 (point\$2 or pattern\$3))	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/21 13:29

-	123	((imag\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (point\$2 or pattern\$3)) same ((change\$4 or vary\$3 or variable or modify\$3 or alter\$5) near3 (intensit\$4))	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/21 13:36
-	1259	((imag\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (point\$2 or pattern\$3)) same ((edge\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3))	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/21 15:22
-	4	((imag\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (point\$2 or pattern\$3)) same ((edge\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3)) same ((change\$4 or vary\$3 or variable or modify\$3 or alter\$5) near3 (intensit\$4)) 382/197.cccls.	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/21 14:03
-	351		USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/10/20 17:30
-	435	382/202.cccls.	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/21 15:11
-	229	382/226.cccls.	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/21 15:16
-	974	382/197.cccls. or 382/202.cccls. or 382/226.cccls.	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/21 15:16
-	142	(382/197.cccls. or 382/202.cccls. or 382/226.cccls.) and ((path\$4 or edge\$3 or curv\$4 or boundr\$4) near4 (detect\$4 or follow\$4 or track\$4 or extract\$4))	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/21 16:02
-	73	((imag\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (point\$2 or pattern\$3)) same ((edge\$4 or boundr\$4 or curv\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3)) same (bidirection\$3 or (back near track\$4) or (back))	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/10/20 17:30
-	51	((382/197.cccls. or 382/202.cccls. or 382/226.cccls.) and ((path\$4 or edge\$3 or curv\$4 or boundr\$4) near4 (detect\$4 or track\$4 or extract\$4)) and (bidirection\$3 or (back near track\$4) or (back))	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/22 11:11
-	1763	((edge\$4 or boundar\$4 or contour\$4 or path\$3) near4 (track\$4 or detect\$4 or follow\$4 or sens\$4 or measur\$5) same ((blood near4 vessel\$3) or medical\$3 or biomedical\$3)	USPAT; US- <u>PGPUB</u> ; EPO; JPO; DERVENT; IBM TDB	2003/04/22 09:44

-	727	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near4 vessel\$3) or medical\$3 or biomedical\$3)	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/22 17:06
-	591	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 vessel\$3) or medical\$3 or biomedical\$3)	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/22 16:23
-	553	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 medical\$3 or biomedical\$3)	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/22 11:25
-	10	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 vessel\$3) or medical\$3 or biomedical\$3) same (back near track\$4) or (back)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/22 11:17
-	424	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 vessel\$3) or medical\$3 or biomedical\$3) and (@ad=>19990604 or @rlad)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/22 12:32
-	0	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 vessel\$3) or medical\$3 or biomedical\$3) same (grid\$4 and point\$3)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/22 12:33
-	0	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 vessel\$3) or medical\$3 or biomedical\$3) same (grid\$4)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/22 12:34
-	44	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 vessel\$3) or medical\$3 or biomedical\$3) same (point\$3)	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/22 12:35
-	1	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) with (blood near2 vessel\$3) or medical\$3 or biomedical\$3) same (cost\$4)	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/22 17:06
-	25	((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) same (blood near2 vessel\$3) or medical\$3 or biomedical\$3) same (cost\$4)	USPAT; US-PGPUB; EPO; JPO; DERVENT; IBM TDB	2003/04/22 17:40
-	798	382/128.cc1s.	US-PGPUB; EPO; JPO; IBM TDB	2003/04/22 17:38

-	258	382/128.cc1s. and ((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/22 17:40
-	177	((382/128.cc1s. and ((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) and ((blood near2 vessel\$3) or medical\$3 or biomedical\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/22 17:44
-	67	((382/128.cc1s. and ((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) and ((blood near2 vessel\$3) or medical\$3 or biomedical\$3)) and (cost\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/22 17:42
-	174	((382/128.cc1s. and ((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) and ((blood near2 vessel\$3) or medical\$3 or biomedical\$3)) and (cost\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/22 17:43
-	36	((382/128.cc1s. and ((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) and ((blood near2 vessel\$3) or medical\$3 or biomedical\$3)) and (back\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/22 17:45
-	57	((382/128.cc1s. and ((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) and ((start or end) near3 point\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/22 17:46
-	27	((382/128.cc1s. and ((edges\$4 or boundar\$4 or contour\$4 or path\$3) near3 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5)) and ((start or end) near3 point\$2)) and (back\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/22 17:47
-	354	382/197.cc1s.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/20 17:30
-	440	382/202.cc1s.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/20 17:30
-	238	382/226.cc1s.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/10/20 17:30

-	929	382/128.cc1s.	USPAT;	2003/10/20 17:30
-	86	((imags\$4) same ((extracts\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (points\$2 or pattern\$3)) same ((edges\$4 or boundr\$4 or curv\$4 or paths\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back))) (threaddlike or threaddlike) with struct\$4)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/20 17:31
-	517		US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/20 17:31
-	0	382/197.cc1s. and (((threaddlike or threaddlike) with struct\$4))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/20 17:32
-	0	382/202.cc1s. and (((threaddlike or threaddlike) with struct\$4))	US-PGPUB; EPO; JPO; IBM_TDB USPAT;	2003/10/20 17:32
-	0	382/226.cc1s. and (((threaddlike or threaddlike) with struct\$4))	US-PGPUB; EPO; JPO; IBM_TDB USPAT;	2003/10/20 17:32
-	2	382/128.cc1s. and (((threaddlike or threaddlike) with struct\$4))	US-PGPUB; EPO; JPO; IBM_TDB USPAT;	2003/10/20 17:32
-	0	382/197.cc1s. and (((imags\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (points\$2 or pattern\$3)) same ((edges\$4 or boundr\$4 or curv\$4 or paths\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back))) (imags\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (points\$2 or pattern\$3)) same ((edges\$4 or boundr\$4 or curv\$4 or paths\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back)))	US-PGPUB; EPO; JPO; IBM_TDB USPAT;	2003/10/20 17:32
-	0	382/202.cc1s. and (((imags\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (points\$2 or pattern\$3)) same ((edges\$4 or boundr\$4 or curv\$4 or paths\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back))) (imags\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (points\$2 or pattern\$3)) same ((edges\$4 or boundr\$4 or curv\$4 or paths\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back)))	US-PGPUB; EPO; JPO; IBM_TDB USPAT;	2003/10/20 17:32
-	1	382/128.cc1s. and (((imags\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (points\$2 or pattern\$3)) same ((edges\$4 or boundr\$4 or curv\$4 or paths\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back))) (imags\$4) same ((extract\$4 or obtain\$3 or retriev\$4 or sens\$3) near4 (points\$2 or pattern\$3)) same ((edges\$4 or boundr\$4 or curv\$4 or paths\$3) near4 (track\$4 or detect\$4 or locat\$4 or follow\$4 or sens\$4 or measur\$5 or read\$3) same (bidirection\$3 or (back near track\$4) or (back)))	US-PGPUB; EPO; JPO; IBM_TDB USPAT;	2003/10/20 17:32
-	1		US-PGPUB; EPO; JPO; IBM_TDB USPAT;	2003/10/20 17:32